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EXAMINER

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ART UNIT

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2623

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Please find below and/or attached an Office communication concerning this application or proceeding.

***Election/Restrictions***

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims, drawn to 1-74, 133-181, 186, and 187, drawn to retrieving and analyzing information, classified in class 369, subclass 30.04.
- II. Claims 75-132, 182-185, drawn to mapping the location of information, classified in class 369, subclass 30.1.
- III. Claims 188-199, drawn to transmitting data to a remote location, classified in class 341, subclass 173.
- IV. Claims 200-204, drawn to visually displaying the results, classified in class 345, subclass 708.
- V. Claim 205, drawn to selecting a threshold, classified in class 382, subclass 172.
- VI. Claim 206, drawn to feature counting, classified in class 382, subclass 192.

Inventions (I) and (II-VI) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as image analysis where an image is read and analyzed for its content. See MPEP § 806.05(d).

Inventions (II) and (I and III-VI) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention II has separate utility such as image analysis where the image color data is mapped for pixel locations in the image. See MPEP § 806.05(d).

Inventions (III) and (I, II, and IV-VI) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention III has separate utility such as to control remote devices with an encoded signal. See MPEP § 806.05(d).

Inventions (IV) and (I-III, V, and VI) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention IV has separate utility such as displaying results based on the current conditions. See MPEP § 806.05(d).

Inventions (V) and (I-IV, and VI) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention V has separate utility such as setting a threshold for the histogram results of image analysis. See MPEP § 806.05(d).

Inventions (VI) and (I-V) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from

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each other if they are shown to be separately usable. In the instant case, invention VI has separate utility such as counting the patterns in an image. See MPEP § 806.05(d).

***Conclusion***

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September 26, 2002

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